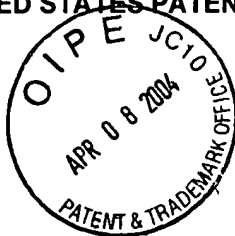


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Applicant: Francisc Sandulescu
Serial No.: 10/687,120
Filed: October 16, 2003
For: USB EXTENDER
Art Unit: 2143
Examiner: UNKNOWN



INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, pending applications, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed, except for (a) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120, and (b) any U.S. patent or U.S. patent application publication if the present application was filed after June 30, 2003 or entered the national stage under 35 USC § 371 after June 30, 2003:

Serial No.: _____
Filing Date: _____

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

(a) ____ A copy of each English language version of a search report (or EPO Search Report) indicating the degree of relevance found by the foreign office of each document being submitted from the search report, is being submitted herewith or has previously been submitted.

(b) ____ Attached is a "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

(a) ____ Within 3 months of the filing date or date of entry into the National Stage.

(b) X Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 18-0988 for consideration of this Statement.

(c) ____ Before the mailing date of a first Office Action on the merits after a first or second submission after final rejection under 37 C.F.R. 1.129(a).

- (d) ____ After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.
- (1) ____ The required certification is given below, or
- (2) ____ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or
- (3) ____ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 18-0988
- (e) ____ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.
- (1) ____ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p), or
- (2) ____ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 18-0988.

4. Certification (if applicable)

- (a) ____ The undersigned hereby certifies that each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.
- (b) ____ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the undersigned's knowledge after making reasonable inquiry, no item of information contained in this statement was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 18-0988.

Respectfully submitted,

RENNER, OTTO, BOISSELLE & SKLAR, LLP

By

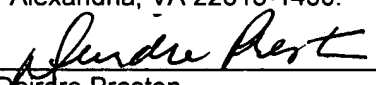

Mark C. Johnson, Reg. No. 51,854

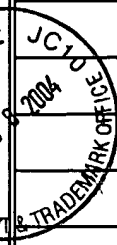
1621 Euclid Avenue, 19th Floor
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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: 4/6/04


Deirdre Preston



Examiner Initial	Document Number	Date (MM/YYYY)	Name	Class	Sub-class	Filing Date if Appropriate
	5,864,708	1/1999	Croft et al.			
	5,935,224	8/1999	Svancarek et al.			
	6,044,428	3/2000	Rayabhari			
	6,151,645	11/2000	Young et al.			
	6,308,239	10/2001	Osakada et al.			
	6,624,605	11/2001	Rafferty et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date (MM/YYYY)	Country	Class	Sub-class	Translation	
						Yes	No
*	0 962 663 A2	3/2000	EP				
*	98/12641 A1	3/1998	PCT				
*	10187303	7/1998	JP				

OTHER ART

Examiner Initial	Author, Title, Date, Pertinent Pages, etc.
	PoLYCon® "The Products-Quality in Harmony" Brochure; www:http.polycon.com
	Microprocessor Report, The Insiders' Guide To Microprocessor Hardware; "Universal Serial Bus to Simplify PC I/O; Vol. 9, No.5, April 17, 1995
	Bill Howard "USB: The Next Stop for PCs", February 6, 1996, PC Magazine, pg. 93
	Bob Rudy, CMD Technology, Inc., Mobil Computing's Global Grap, "Universal Serial Bus", pgs. 53-59
	Anchor Chips, Inc.; "Universal Serial Bus"; http://www.msdmad.com , pg. 61
	Gayle Ehrenman: "Objects of Desire" Window Sources; http://www.winsources.com , May, 1998, pg. 104
	Logitech® PageScan® USB, http://www.compaq-at-home.com ; two (2) pages
	IW, USB-to-Ethernet Controller Links Laptops to LANs/HANs, http://www.informationweek.com ; March 16, 1998, pgs. 138-140
	"APG Cash Drawer Introduces USB Interface Cash Drawers," Advertisement, APG Cash Drawer®, http://www.apgcd.com
	CTI Briefs, Advertisements, April 1998, http://www.ctimag.com ; pgs. 20-21
	Electronic Products "Product Highlights"; http://www.electronicproducts.com ; March 1998, pgs. 125-126
	Fran Granville, "LEADING EDGE - IC changes course of USB enumeration procedure"; EDN, March 2, 1998, pgs. 11-12

Examiner Initial	Author, Title, Date, Pertinent Pages, etc.
	NMB Technologies, Inc., The Right Touch, "USB Keyboard with Integrated PS/2 Pointing Device Port," Model Series RT-2400W, http://www.nmbtech.com ; two (2) pages.
	Tom Keating, "To USB or Not to USB," CTI Buyer's Guide 1997/1998, pgs.36-42
	Electronic Products - Product Update, "Universal Serial Bus Ics," April 1997, pgs. 35-40; http://www.electronicproducts.com
	Fujitsu Takamisawa America Press Release, "Fujitsu Takamisawa Introduces USB Keyboard," two (2) pages, http://www.fujitsufta.com/pr/usbkey.htm
	Don Lake, Advanced Imaging, "There's Been a Change in the Tether: Cameras Plug in-to Standard Ports," July, 1997, pgs. 53-55
	Richard A. Quinnell, Technical Editor, EDN, "Taming the Universal Serial Bus," June 19, 1997, pgs. 61-73, pg. 76
	WSI, Brochure, "Programmable Peripheral PSD211R - Field Programmable Microcontroller Peripheral", December 12, 1996, pgs. 1-37
	WSI, Brochure, PEP300 - PSD3XX Evaluation Programmer, pgs. 1-4
	WSI, PSDsoft Development Tools, Advertisement, two (2) pages
	WSI, Brochure, PSD211R - Information for Sales Reps., "1997 Designs for 1998 Rewards", pgs.1-14
	Bill Russell and Tom Dugan, Electronic Design, "ESD Protection of the Universal Serial Bus", Analog Applications Issue June 23, 1997, pgs. 69-70
	Jonathan M. Bearfield, Electronic Design, Design Application - "Control The Power Interface of USB's Voltage Bus", July 21, 1997, pgs. 80-86
	CMD Technology, Inc., USB0678 - USB Device-Side Intelligent Hub Controller ASIC, November, 1995, Advertisement, two (2) pages
	Jim DeTar, Electronic News, Semiconductors - "USB MCU Battle Brews As Entries Proliferate," April 28, 1997, pgs. 21-22
	Electronic News, Semiconductors - "Proxin WLAN Board Targets Handhelds" and "Analog Devices Launches Satcom2 DBS Chipset," April 28, 1997, two (2) page

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement PTO-1449 (Modified)

The identification of any reference is not intended to be, and should not be understood as being, an admission that such publication, in fact, constitutes "prior art" within the meaning of applicable law since, for example, a given reference may have a later effective date than first seems apparent or the reference may have an effective date which can be antedated. The "prior art" status of any reference is a matter to be resolved during prosecution.

R:\MJohnson\Patents\NEWTP0104USA\IDS\IDS_1449.wpd (IDS1449.FRM) (2/97)